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From: Dee So for ADRIAN J. LEE

Comments: Please see attached.

Serial No. 09/993,918

Docket No. 15689.85

\*\*\*\*\*  
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DEC 19 2005

PATENT APPLICATION  
Docket No. 15689.85

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
)  
Takchiro Ikeda et al. )  
)  
Serial No.: 09/993,918 ) Art Unit  
) 2681  
Filing Date: November 6, 2001 )  
)  
Confirmation No.: 5471 )  
)  
For: PAGING CONTROL METHOD AND )  
)  
PAGING CONTROL SYSTEM IN )  
)  
COMMUNICATION SYSTEM )  
)  
Examiner: Huy Q. Phan )  
)  
Customer No.: 022913 )

CERTIFICATE OF FACSIMILE TRANSMISSION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office from (801) 328-1707 to facsimile number (571) 273-8300 on the date shown below.

- Transmittal For Revocation And Substitute Power Of Attorney And Change of Attorney Docket Number (2 pages)
- Revocation and Substitute Power of Attorney documents originally filed October 25, 2002
- Facsimile Coversheet (1 page)

Dated this 19<sup>th</sup> of December, 2005.

Respectfully submitted,



ADRIAN J. LEE  
Registration No. 42,785  
Attorney for Applicant  
Customer No. 022913

RICH E. NYDEGGER  
 BRIAN P. FARMER  
 THOMAS K. VOLLMER  
 LARRY R. JAYCOCK  
 JONATHAN W. HUGHES  
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PATENT APPLICATION  
 Docket No. 15689.85

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Takehiro Ikeda et al.

Serial No.: 09/993,918

Filing Date: November 6, 2001

Confirmation No.: 5471

For: PAGING CONTROL METHOD AND  
 PAGING CONTROL SYSTEM IN  
 COMMUNICATION SYSTEM

Examiner: Huiy Q. Phan

Customer No.: 022913

TRANSMITTAL for REVOCATION AND SUBSTITUTE POWER OF  
ATTORNEY AND CHANGE OF ATTORNEY DOCKET NUMBER

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is a copy of the Revocation and Substitute Power of Attorney and Change of Attorney Docket Number that we originally filed on October 25, 2002 for entry in the above-identified application. We notice after conducting a recent audit of cases being handled by our law firm using the Patent Application Information Retrieval (PAIR) that the prior law firm of Brown, Raysman, Millstein, Felder & Steiner was still listed as the firm handling this case. Please update your records to show that our firm of Workman Nydegger is the current firm handling the above-identified application.

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RICH E. NYDEGGER  
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 JOHN T. CLARK  
 MARK W. FORD  
 ADRIAN M. SMITH

VICTORIA R. RAY  
 OF COUNSEL

\* Admitted only in California  
 \* Admitted only in Virginia

Dated this 19<sup>th</sup> day of December, 2005.




Respectfully submitted,



ADRIAN J. LEE  
Attorney for Applicant  
Registration No. 42,785  
Customer No. 022913

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TO THE UNITED STATES PATENT AND TRADEMARK OFFICE:  
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SUBMITTED: Transmittal for Revocation and Substitute Power of Attorney and Change of Attorney Docket Number (2 pgs. in triplicate); Revocation and Substitute Power of Attorney and Exhibit A (7 pgs); Change of Attorney Docket No. (2 pgs); postcard; and Certificate of Express Mailing Label No. EV 100 810 068 US

Applicant(s): Takehiro Ikeda et al.  
For: PAGING CONTROL METHOD AND PAGING  
CONTROL SYSTEM IN COMMUNICATION  
SYSTEM  
Serial No.: 09/993,918  
Filed: November 6, 2001  
Confirmation No.: 5471  
Date of Mailing: OCT 25, 2002  
Docket: 15689.85

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PATENT APPLICATION  
Docket No: 15689.85

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Takehiro Ikeda et al.

Serial No.: 09/993,918

**Filing Date:** November 6, 2001

Confirmation No.: 5471

For: **PAGING CONTROL METHOD AND  
PAGING CONTROL SYSTEM IN  
COMMUNICATION SYSTEM**

) Art Unit  
) 2681

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on this 25th day of October, 2002:

- Transmittal for Revocation and Substitute Power of Attorney and Change of Attorney Docket No. (2 pages, in triplicate)
- Revocation and Substitute Power of Attorney and Exhibit A (7 pages)
- Change of Attorney Docket Number (2 pages)
- Postcard

Respectfully submitted,



**ADRIAN J. LEE**  
Attorney for Applicant  
Registration No. 42,785



022913

PATENT TRADEMARK OFFICE

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Dated this 25th day of October, 2002.

Respectfully submitted,



ADRIAN J. LEE  
Attorney for Applicant  
Registration No. 42,785



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PATENT APPLICATION  
Docket No: 15689.85**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Takehiro Ikeda et al.

Serial No.: 09/993,918

Art Unit  
2681

Filing Date: November 6, 2001

Confirmation No.: 5471

For: PAGING CONTROL METHOD AND  
PAGING CONTROL SYSTEM IN  
COMMUNICATION SYSTEM**REVOCATION AND SUBSTITUTE POWER OF ATTORNEY**Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

The undersigned, Yoshitaro Shimanuki, declares: that he is the Intellectual Property Executive Manager of NTT DoCoMo, Inc., and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of NTT DoCoMo, Inc.; and that NTT DoCoMo, Inc. is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 012588, Frame 0836, a copy of said assignment is attached at Exhibit A hereto; and that the attached assignment has been reviewed by him, and to the best of his knowledge and belief title is in the assignee NTT DoCoMo, Inc.. The assignee, NTT DoCoMo, Inc., hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints all attorneys under customer number:

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**022913**

## PATENT TRADEMARK OFFICE

of WORKMAN, NYDEGGER & SEELEY, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

ADRIAN J. LEE  
WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

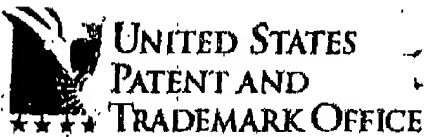
Signed this 30 day of September, 2002.

*Yoshitaro Shimanuki*

Yoshitaro Shimanuki  
Intellectual Property Executive Manager  
NTT DoCoMo, Inc.  
11-1, Nagatacho 2-Chome  
Chiyoda-Ku  
Tokyo 100-6150, Japan

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3815/137

APRIL 16, 2002

PTAS

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\*101991636A\*

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/19/2002

REEL/FRAME: 012588/0836  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

IKEDA, TAKEHIRO

DOC DATE: 12/27/2001

ASSIGNOR:

OKAJIMA, ICHIRO

DOC DATE: 12/27/2001

ASSIGNOR:

UMEDA, NARUMI

DOC DATE: 12/27/2001

ASSIGNEE:

NTT DOCOMO, INC.

11-1, NAGATACHO 2-CHOME, CHIYODA-KU

TOKYO, JAPAN 100-6150

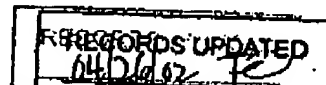
SERIAL NUMBER: 09993918

FILING DATE: 11/06/2001

PATENT NUMBER:

ISSUE DATE:

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012588/083G PAGE 2

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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02-25-2002

Atty. Dkt. No. 3815/137

28

RECO

101991636  
PATENTS ONLY

FEET

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2-19-02  
Takehiro IKEDA, Ichiro OKAJIMA, Narumi UMEDAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: NTT DoCoMo, Inc.

Internal Address:

Street Address: 11-1, Nagatacho 2-chome,  
Chiyoda-kuCity: Tokyo Country: JAPAN ZIP: 100-6150Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: December 27, 2001

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No.(s)

09/993,918

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:BROWN RAYSMAN MILLSTEIN FELDER &  
STEINER LLP900 Third AvenueNew York, New York 10022(212) 895-20006. Total number of applications and patents  
involved: 17. Total fee (37 CFR 3.41):..... \$ 40.00☒ Check enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 02-4270

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached  
copy is a true copy of the original document.*Ralph F. Hopkin, Reg. No. 38,494

Name of Person Signing

Signature

Date

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Box Assignments

Washington, D.C. 20231

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NOE TBIK21 00000101 09993918

11

40.00 00

Docket No. 3815 /137

**ASSIGNMENT**

WHEREAS, we, 1) Takehiro IKEDA, 2) Ichiro OKAJIMA and  
3) Narumi UMEDA,  
citizens of Japan,

residing at 1) 4-18-4-1101, Nobi, Yokosuka-shi, Kanagawa 239-0841, Japan  
2) 968-12-1-302, Mutsuura-cho, Kanazawa-ku, Yokohama-shi,  
Kanagawa 236-0032, Japan  
3) 6-40-14, Tomioakanishi, Kanazawa-ku, Yokohama-shi,  
Kanagawa 236-0052, Japan

have invented one or more inventions (hereinafter referred to as "said invention(s)")  
disclosed in an application for Letters Patent of the United States titled

**PAGING CONTROL METHOD AND PAGING CONTROL SYSTEM IN  
COMMUNICATION SYSTEM**

(hereinafter referred to as "said application"), said application having been executed on  
even date herewith or filed on November 6, 2001 and assigned application  
Serial No. 09/993,918

WHEREAS, NTT DoCoMo, Inc., (hereinafter together with its successors and  
assigns referred to as "the Assignee"), a Japanese corporation, having a place of business  
at

11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, Japan

is desirous of obtaining all right, title and interest in, to and under said invention(s) and  
said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and  
sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set  
over, and by these presents hereby sell, assign, transfer and set over to the Assignee all  
right, title and interest in, to and under said invention(s) and said application, including  
the right to apply for any Letters Patent of the United States of America and in any and all  
foreign countries on said invention(s), and any and all other applications for Letters Patent  
on said invention(s), in whatsoever countries, including all divisional, renewal, substitute,  
continuation, continuation-in-part and convention applications based in whole or in part  
upon said invention(s) or upon said application, and any and all Letters Patent which may  
issue thereon in the United States and foreign countries, and any and all reissues,  
extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent  
granted for said invention(s) or upon said applications, to the full term or terms for which  
said Letters Patent may be issued, and every priority right that is or may be predicated  
upon or arise from said invention(s), said application and said Letters Patent, the same to  
be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the  
same would have been held and enjoyed by us had this Assignment not been made. We  
hereby authorize the Assignee to file patent applications in any and all countries on any or  
all of said invention(s) in our names, or in its name, or otherwise as the Assignee may deem  
advisable, under the International Convention or otherwise.

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Docket No.

We hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

We hereby represent and warrant that we have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

We hereby covenant and agree that we will, upon request of the Assignee, communicate to the Assignee any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date: December 27, 2001

Takehiro Ikeda  
(Signature) Takehiro IKEDA

Date: December 27, 2001

Ichiro Okajima  
(Signature) Ichiro OKAJIMA

Date: December 27, 2001

Narumi Umada  
(Signature) Narumi UMEDA

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